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Correlation of HER*/neu over expression, por protein accumulation and steroid receptor status with tumor characteristics: An Iranian study of breast cancer patients

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View references (^{٣٦})

Abstract

Background: Molecular biomarkers are valuable in evaluation the course of malignancies. In this study, the relationship between HERY/neu, $p^{\circ r}$, steroid receptors and clinicopathological features of patients with breast cancer has been assessed. Methods: Three hundred thirty nine women with a primary diagnosis of breast cancer from $r \cdot r \cdot r$ were included. They were evaluated for tumor features. The content of the steroid homone receptors and expression of HERY/neu and $p^{\circ r}$ was also examined by immunohistochemistry assay. Results: From patients arrived at this study, $r^{\circ r}$, $r^{\circ r}$, $r^{\circ r}$, and $r^{\circ r}$, were positive for HERY/neu, $p^{\circ r}$, ER and PR respectively. No association was found between most of pairs. HERY/neu expression significantly related with grade $(P=r,r)^{\circ r}$. Por had considerable reverse relation with axillary lymph node involvement and primary distant metastasis $(P=r,r)^{\circ r}$, and $P=r,r)^{\circ r}$, respectively). A significant association was found between PR and lymph node involvement $(P=r,r)^{\circ r}$. Conclusion: This study present the pattern of prognostic biomarkers in breast cancer for the first time in northeast of Iran and suggests to conduct larger studies regarding other effective variables include demographic ones.

Reaxys Database Information

Author keywords

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